



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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15/C  
8-25-81  
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In re application of ) HIGH EFFICIENCY INVERTER  
Ole K. Nilssen ) AND BALLAST CIRCUITS GROUP 250  
Serial No. 973,741 ) Group Art Unit 252  
Filed December 28, 1978 ) Examiner S. H. Grimm

AMENDMENT C

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Final Office Action of March 24,  
1981, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Thrice amended) In an inverter for producing  
an AC output voltage from a source of DC voltage connected there-  
with and having a pair of alternately conducting switching trans-  
istors, each having a base and being connected with said DC  
voltage source, an improved drive circuit for said transistors,  
comprising:

first means connected with the bases of the trans-  
istors for alternately providing drive signals thereto, <sup>Said</sup> [and]  
first means including an output winding of a first current trans-  
former and being responsive to conduction of [the conducting one  
of] said transistors for applying a positive feedback signal  
thereto, said first current transformer having a pair of primary  
windings respectively connected with said pair of transistors and  
said positive feedback signal being a current substantially propor-  
tional to the sum of the currents conducted through said pair of  
transistors;

Inter  
only for  
appeal  
8/22  
7-1-81